

Hughes Academy of Science and Technology

122 DeOyley Avenue
Greenville, SC 29605

Grades	6-8 Middle School	
Enrollment	889 Students	
Principal	Andrew Hooker	864-355-6200
Superintendent	Mr. Burke Royster	864-355-3100
Board Chair	Mr. Chuck Saylor	803-360-3527

THE STATE OF SOUTH CAROLINA 2014 ANNUAL SCHOOL REPORT CARD

RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2014	Average	Good
2013	Average	Average
2012	Average	Average
2011	Average	Average
2010	Average	Average

DEFINITIONS OF SCHOOL RATING TERMS

- Excellent - School performance substantially exceeds the standards for progress toward the 2020 SC Performance Vision
- Good - School performance exceeds the standards for progress toward the 2020 SC Performance Vision
- Average - School performance meets the standards for progress toward the 2020 SC Performance Vision
- Below Average - School is in jeopardy of not meeting the standards for progress toward the 2020 SC Performance Vision
- At-Risk - School performance fails to meet the standards for progress toward the 2020 SC Performance Vision

SOUTH CAROLINA PERFORMANCE VISION

By 2020 all students will graduate with the knowledge and skills necessary to compete successfully in the global economy, participate in a democratic society and contribute positively as members of families and communities.

<http://ed.sc.gov>
<http://www.eoc.sc.gov>

Percent of Student SC PASS Records Matched for Purpose of Computing Growth Rating

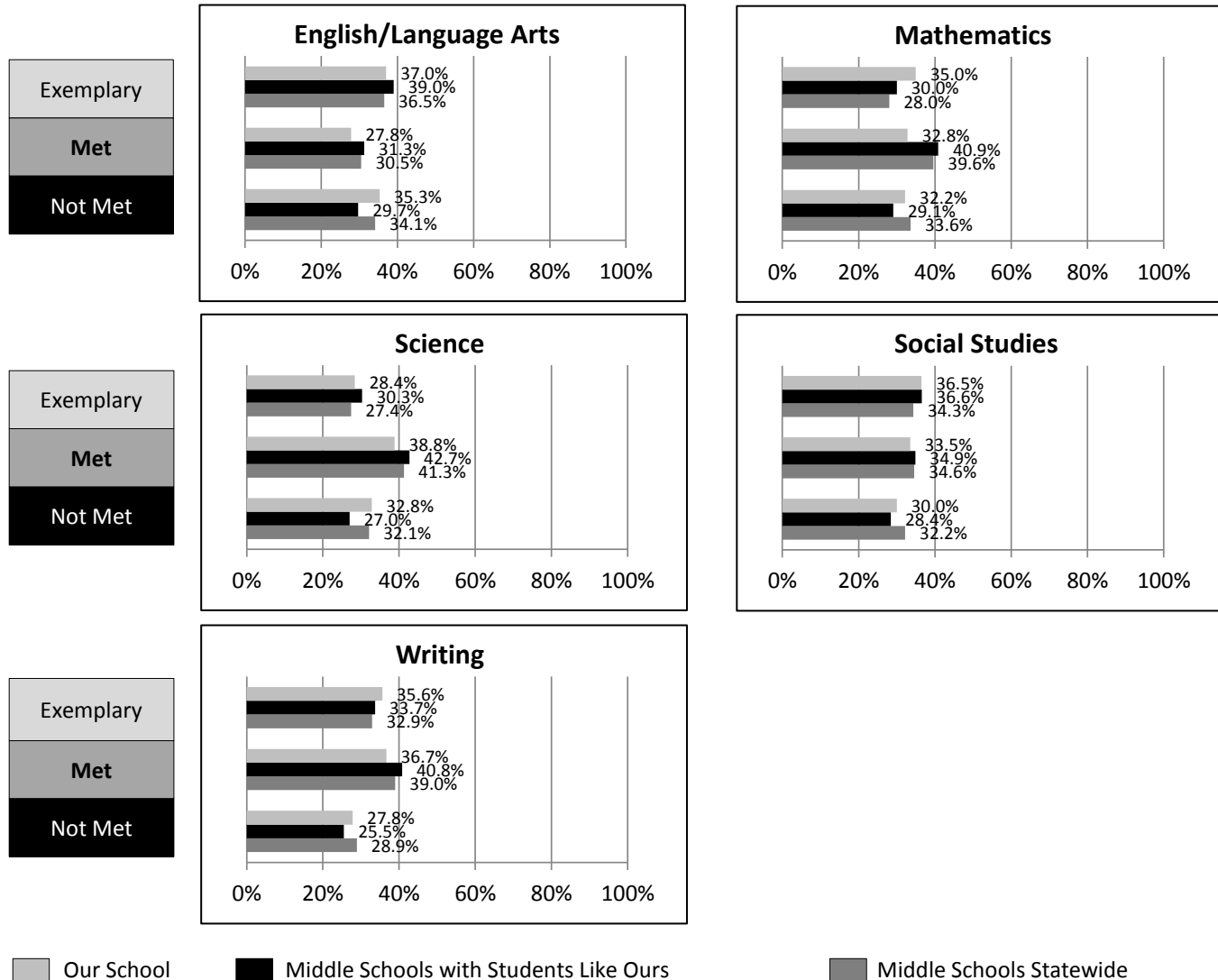
Percent of students tested in 2013-14 whose 2012-13 test scores were located

97.5%

ABSOLUTE RATINGS OF MIDDLE SCHOOLS WITH STUDENTS LIKE OURS*

Excellent	Good	Average	Below Average	At-Risk
8	20	31	2	0

* Ratings are calculated with data available by 04/27/2015.

South Carolina Palmetto Assessment of State Standards (SC PASS)

* Middle Schools with Students Like Ours are middle schools with poverty indices of no more than 5% above or below the index for the school.

Definition of Critical Terms

Exemplary	"Exemplary" means student demonstrated exemplary performance in meeting the grade level standard.
Met	"Met" means student met the grade level standard.
Not Met	"Not Met" means that the student did not meet the grade level standard.

Abbreviations for Missing Data

N/A-Not Applicable

N/AV-Not Available

N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

School Profile

	Our School	Change from Last Year	Middle Schools with Students Like Ours	Median Middle School
Students (n = 889)				
Students enrolled in high school credit courses (grades 7 & 8)	33.7%	Up from 31.0%	34.3%	26.0%
Retention Rate	1.6%	Up from 0.3%	0.9%	0.6%
Attendance Rate	96.7%	Up from 95.7%	96.0%	96.2%
Served by gifted and talented program	26.7%	Up from 26.4%	21.2%	19.4%
With disabilities	11.6%	Up from 11.0%	12.9%	12.8%
Older than usual for grade	3.8%	Up from 3.4%	4.6%	4.5%
Out-of-school suspensions or expulsions for violent and/or criminal offenses	0.9%	Down from 1.3%	0.5%	0.4%
Annual dropout rate	0.0%	No change	0.0%	0.0%
Teachers (n = 50)				
Teachers with advanced degrees	68.0%	No change	64.4%	61.3%
Continuing contract teachers	84.0%	Up from 82.0%	80.5%	75.9%
Teachers returning from previous year	89.2%	Up from 83.6%	86.9%	85.4%
Teacher attendance rate	95.2%	Down from 96.0%	95.0%	95.2%
Average teacher salary*	\$48,117	Down 0.5%	\$48,406	\$47,081
Professional development days/teacher	21.0 days	Up from 9.1 days	11.0 days	10.6 days
School				
Principal's years at school	1.0	Down from 6.0	4.0	3.0
Student-teacher ratio in core subjects	23.6 to 1	Up from 18.4 to 1	23.6 to 1	21.5 to 1
Prime instructional time	91.1%	No change	90.0%	90.1%
Opportunities in the arts	Excellent	Up from Good	Good	Good
SACS accreditation	Yes	No change	Yes	Yes
Parents attending conferences	98.9%	Up from 97.6%	99.0%	99.0%
Character development program	Good	No change	Good	Good
Dollars spent per pupil**	\$6,151	Up 4.9%	\$7,344	\$7,616
Percent of expenditures for instruction**	61.4%	Up from 61.0%	62.7%	62.0%
Percent of expenditures for teacher salaries**	60.1%	Up from 59.0%	61.2%	61.3%

* Includes current year teachers contracted for 185 or more days.

** Prior year audited financial data are reported.

End of Course Tests

Percent of tests with scores of 70 or above on:	Our Middle School	Middle Schools with Students Like Ours
Algebra 1/Math for the Technologies 2	100.0%	98.5%
English 1	97.5%	95.5%
Biology 1	N/A	N/A
US History and the Constitution	N/A	N/A
All Subjects	99.0%	98.1%

Abbreviations for Missing Data

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I/S-Insufficient Sample

Report of Principal and School Improvement Council

The mission of Hughes Academy of Science and Technology is to create independent thinkers for the future in an ever changing society. Our developmentally appropriate, school-wide curriculum is fully aligned to state and national standards. Faculty and support staff members are dedicated to concentrating on best practices and strategies that continue to improve the educational profile and academic standing of our school.

The faculty and staff, along with students and parents, planned activities to Cure the Culture. The community participated in a Bully Free Cougar 3 run. Students joined the Principal's Advisory Committee to help facilitate the change in culture.

Education/ business partnerships are designed to prepare our students to compete in a global economy. We also provided a supportive school environment that prompted student learning. Faculty and staff improved communication between homes, the school and the community.

Students continue to be challenged academically. Hughes Academy is still on the cutting edge of innovative science curriculum. Hughes Academy will continue to use MAP and PASS testing to assist teachers in designing lesson plans, which raised academic success of the students. In addition, students were given the opportunities to participate in other extra-curricular activities which develop the total student ability.

The Parent Teachers Student Association (PTSA) at Hughes Academy continues to initiate and support numerous opportunities for student and parent involvement on our campus. The School Improvement Council (SIC) is a valuable resource in evaluating growth areas viable to the health of our school. The SIC administered a survey to parents and students to gather information regarding experiences at Hughes Academy. Based on the survey, the SIC developed three goals to help facilitate changes within the school.

The educational climate at Hughes Academy continues to improve. The teachers continue in their efforts to become more effective classroom instructors by seeking advanced degrees with the goal of all teachers achieving highly qualified status. With the support of business partners, parents, teachers, and the community as a whole, our goal of making Hughes Academy the outstanding science and technology school in the south east can be achieved. We look forward to a successful 2014-2015 school year.

Andrew Hooker, Principal

Brooke Culclasure and Rachel Balck, SIC Co-Chairs

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	56	246	73
Percent satisfied with learning environment	85.7%	64.2%	83.5%
Percent satisfied with social and physical environment	87.5%	67.4%	72.6%
Percent satisfied with school-home relations	85.8%	82.8%	72.6%

* Only students at the highest middle school grade level and their parents were included.

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ESEA/Federal Accountability Rating System

In July 2013, the South Carolina Department of Education was granted a waiver from several accountability requirements of the Federal Elementary and Secondary Education Act (ESEA). This waiver allowed SC to replace the former pass/fail system with one that utilizes more of the statewide assessments already in place and combine these subject area results with graduation rate (in high schools) to determine if each school met the target or made progress toward the target. This analysis results in a letter grade for the school rather than the pass/fail system of previous years. For a detailed review of the matrix for each school and districts that determined the letter grade, please use the following link: <http://ed.sc.gov/data/esea/> or request this information from your child's district or school.

Overall Weighted Points Total	80.7
Overall Grade Conversion	B

Index Score	Grade	Description
90-100	A	Performance substantially exceeds the state's expectations.
80-89.9	B	Performance exceeds the state's expectations.
70-79.9	C	Performance meets the state's expectations.
60-69.9	D	Performance does not meet the state's expectations.
Less than 60	F	Performance is substantially below the states' expectations.

Accountability Indicator (Title I Schools)

Hughes Academy of Science and Technology has been designated as a:

	Title I Reward School for Performance - among the highest performing Title I schools in a given year.
	Title I Reward School for Progress - one of the schools with substantial progress in school subgroups.
	Title I Focus School - one of the schools with the highest average performance gap between subgroups.
	Title I Priority School - one of the 5% lowest performing Title I schools.
	Title I School - does not qualify as Reward, Focus or Priority School.
X	Non-Title I School - therefore the designations above are not applicable.

Teacher Quality and Student Attendance

	Our District	State	
Classes in low poverty schools not taught by highly qualified teachers	1.2	3.2%	
Classes in high poverty schools not taught by highly qualified teachers	2.8	7.3%	
	Our School	State Objective	Met State Objective
Classes not taught by highly qualified teachers	16.0%	0.0%	No
Student attendance rate	96.7%	94.0%*	Yes
			State
Professional qualifications of all elementary and secondary teachers in the State (Advanced Degrees)			61.9%
Percentage of all elementary and secondary teachers in the State with emergency or provisional credentials			0.0%

* Or greater than last year

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SC PASS Performance By Group - ESEA/Federal Accountability

Subgroups	ELA Mean	Math Mean	Science Mean	Social Studies Mean*	ELA % Tested	Math % Tested	Science % Tested
Grades 6-8							
All Students	623.8	635.2	631.2	633.5	99.9	99.9	99.3
Male	619.8	637.0	631.7	638.0	100.0	100.0	98.8
Female	629.1	632.7	630.5	627.1	99.7	99.7	100.0
White	656.7	669.4	667.3	663.8	100.0	100.0	98.4
African American	602.4	611.5	608.2	610.5	99.8	99.8	99.7
Asian/Pacific Islander	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	616.5	631.3	629.9	636.8	100.0	100.0	100.0
American Indian/Alaskan Native	N/A	N/A	N/A	N/A	N/A	N/A	N/A
With Disabilities	553.1	574.6	565.4	582.1	99.0	99.0	97.3
Limited English Proficient	610.5	627.4	628.2	630.7	100.0	100.0	100.0
Subsidized Meals	605.5	616.3	612.5	618.9	100.0	100.0	99.4
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	632.0	632.0	632.0	632.0	95.0	95.0	95.0

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

Abbreviations for Missing Data

N/A-Not Applicable

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N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

Two Year Elementary and Middle School Grades Trend Data

	Grade	SCPASS ELA			SCPASS Math		
		N	Mean	% Tested	N	Mean	% Tested
2013	3	N/A	N/A	N/AV	N/A	N/A	N/AV
	4	N/A	N/A	N/AV	N/A	N/A	N/AV
	5	N/A	N/A	N/AV	N/A	N/A	N/AV
	6	325	632.0	100.0	325	638.9	100.0
	7	318	619.8	99.7	318	621.9	100.0
	8	263	627.7	100.0	263	633.5	100.0
		SCPASS Science			SCPASS Social Studies*/History		
		N	Mean	% Tested	N	Mean	% Tested
	3	N/A	N/A	N/AV	N/A	N/A	N/AV
	4	N/A	N/A	N/AV	N/A	N/A	N/AV
	5	N/A	N/A	N/AV	N/A	N/A	N/AV
	6	164	612.9	98.8	161	629.8	97.5
	7	318	622.0	100.0	318	611.3	100.0
	8	131	620.3	99.2	131	644.7	100.0

	Grade	SCPASS ELA			SCPASS Math		
		N	Mean	% Tested	N	Mean	% Tested
2014	3	N/A	N/A	N/A	N/A	N/A	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A
	6	275	636.2	100.0	275	644.1	100.0
	7	306	617.7	100.0	306	636.1	100.0
	8	286	618.5	99.7	286	625.7	99.7
		SCPASS Science			SCPASS Social Studies*/History		
		N	Mean	% Tested	N	Mean	% Tested
	3	N/A	N/A	N/A	N/A	N/A	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A
	6	138	626.0	99.3	136	641.8	100.0
	7	306	635.3	100.0	306	626.8	100.0
	8	137	627.6	97.9	144	639.8	98.0

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

NOTE: Results include the SC-ALT test.

Abbreviations for Missing Data

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Performance by Group - ESEA/Federal Accountability (District)							4/27/2015	2301062
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Subgroups	ELA Mean	Math Mean	Science Mean	Soc Studies*/ History Mean	ELA % Tested	Math % Tested	Science % Tested	Graduation Rate
Grades 3 - 5								
All Students	653.2	656.8	635.5	654.3	100.0	100.0	99.9	N/A
Male	648.2	656.6	636.6	655.4	100.0	100.0	99.9	N/A
Female	658.6	657.0	634.3	653.2	100.0	100.0	99.9	N/A
White	667.1	672.0	650.8	665.7	100.0	100.0	99.9	N/A
African American	627.0	624.4	607.2	631.6	100.0	100.0	99.9	N/A
Asian/Pacific Islander	682.1	699.7	661.2	682.9	100.0	100.0	100.0	N/A
Hispanic	635.0	640.4	616.0	640.4	100.0	100.0	100.0	N/A
American Indian/Alaskan	658.7	663.3	638.6	662.8	100.0	100.0	100.0	N/A
With Disabilities	605.9	602.3	592.0	615.3	99.9	99.9	99.8	N/A
Limited English Proficient	638.0	648.1	620.5	642.9	100.0	100.0	100.0	N/A
Subsidized Meals	632.4	632.1	614.4	634.8	100.0	100.0	99.9	N/A
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	640.0	640.0	640.0	640.0	95.0	95.0	95.0	N/A
Grades 6 - 8								
All Students	634.8	639.1	642.2	645.5	99.9	100.0	99.9	N/A
Male	627.4	637.8	642.8	648.2	99.9	100.0	99.8	N/A
Female	642.5	640.6	641.5	642.7	100.0	100.0	99.9	N/A
White	649.3	653.0	658.7	658.8	100.0	100.0	99.9	N/A
African American	607.1	609.2	609.1	618.1	99.9	99.9	99.8	N/A
Asian/Pacific Islander	664.5	687.8	680.0	682.8	100.0	100.0	100.0	N/A
Hispanic	615.9	623.3	623.3	629.6	100.0	100.0	99.9	N/A
American Indian/Alaskan	641.9	643.7	645.0	657.3	100.0	100.0	100.0	N/A
With Disabilities	576.3	584.3	585.8	593.5	99.8	99.8	99.7	N/A
Limited English Proficient	615.6	626.9	624.2	632.1	99.9	100.0	99.9	N/A
Subsidized Meals	612.4	616.2	617.8	622.9	99.9	99.9	99.8	N/A
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	632.0	632.0	632.0	632.0	95.0	95.0	95.0	N/A
Grades 9 - 12								
All Students	233.8	226.3	84.8	78.0	99.7	99.6	100.0	82.5
Male	229.9	226.4	85.0	78.9	99.6	99.4	100.0	78.6
Female	237.8	226.2	84.5	77.1	99.7	99.8	100.0	86.7
White	239.4	233.0	88.2	80.6	99.7	99.7	100.0	86.5
African American	221.9	210.7	77.4	72.3	99.6	99.4	100.0	74.1
Asian/Pacific Islander	245.0	249.9	91.3	83.5	100.0	100.0	100.0	93.2
Hispanic	226.4	218.8	79.5	73.7	99.7	99.8	100.0	77.3
American Indian/Alaskan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	84.6
With Disabilities	205.9	197.1	71.8	69.4	99.1	98.5	100.0	43.1
Limited English Proficient	219.9	213.5	77.0	71.4	99.8	100.0	100.0	70.5
Subsidized Meals	222.8	213.5	78.6	72.9	99.4	99.4	100.0	70.8
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	229.0	226.0	78.0	75.0	95.0	95.0	95.0	75.1

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

Performance by Group - ESEA/Federal Accountability (State)							4/27/2015	2301062
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Subgroups	ELA Mean	Math Mean	Science Mean	Soc Studies* / History Mean	ELA % Tested	Math % Tested	Science % Tested	Graduation Rate
Grades 3 - 5								
All Students	643.8	644.3	626.4	645.0	99.7	99.8	99.8	N/A
Male	638.9	643.9	627.0	646.5	99.7	99.8	99.8	N/A
Female	649.0	644.6	625.8	643.4	99.8	99.9	99.8	N/A
White	659.5	662.7	644.4	659.5	99.8	99.9	99.8	N/A
African American	622.3	617.3	601.2	624.1	99.7	99.8	99.7	N/A
Asian/Pacific Islander	669.9	686.6	655.9	673.4	99.9	100.0	99.8	N/A
Hispanic	631.7	634.6	614.5	636.5	99.7	99.9	99.9	N/A
American Indian/Alaskan	642.1	640.4	627.1	641.8	99.7	99.9	99.5	N/A
With Disabilities	599.3	596.5	587.6	609.2	98.9	99.5	99.5	N/A
Limited English Proficient	631.2	638.6	615.0	638.1	99.7	99.9	99.9	N/A
Subsidized Meals	627.7	625.2	609.4	628.7	99.7	99.8	99.7	N/A
Migrant	608.2	615.1	590.4	623.4	100.0	100.0	100.0	N/A
Annual Measurable Objective (AMO)	640.0	640.0	640.0	640.0	95.0	95.0	95.0	N/A
Grades 6 - 8								
All Students	627.8	632.2	634.7	637.4	99.7	99.7	99.7	N/A
Male	620.6	630.1	634.4	639.8	99.7	99.7	99.6	N/A
Female	635.4	634.3	635.0	634.9	99.8	99.8	99.7	N/A
White	644.3	647.7	652.3	652.3	99.8	99.8	99.7	N/A
African American	604.3	608.5	608.9	615.2	99.7	99.7	99.6	N/A
Asian/Pacific Islander	658.5	680.2	673.0	677.3	99.9	99.9	99.9	N/A
Hispanic	617.3	625.4	625.0	630.5	99.7	99.7	99.7	N/A
American Indian/Alaskan	629.4	631.2	637.2	638.3	99.9	99.8	99.7	N/A
With Disabilities	574.5	584.3	584.9	592.8	99.4	99.4	99.2	N/A
Limited English Proficient	612.5	625.8	622.5	629.8	99.6	99.7	99.8	N/A
Subsidized Meals	610.0	614.6	616.3	619.9	99.7	99.7	99.6	N/A
Migrant	586.4	606.8	600.8	607.7	98.2	98.2	100.0	N/A
Annual Measurable Objective (AMO)	632.0	632.0	632.0	632.0	95.0	95.0	95.0	N/A
Grades 9 - 12								
All Students	229.3	222.6	81.8	74.9	98.7	98.7	100.0	80.0
Male	225.6	222.4	81.8	75.9	98.3	98.3	100.0	75.7
Female	233.2	222.9	81.9	74.0	99.2	99.1	100.0	84.5
White	235.9	230.8	86.1	78.1	99.0	98.9	100.0	82.8
African American	219.6	209.6	75.2	69.9	98.3	98.3	100.0	76.0
Asian/Pacific Islander	240.2	245.8	89.4	80.3	99.3	99.3	100.0	88.0
Hispanic	225.1	219.4	79.5	73.5	98.9	99.0	100.0	76.9
American Indian/Alaskan	228.8	220.3	81.9	77.2	98.9	99.3	100.0	74.3
With Disabilities	204.3	196.5	68.4	66.2	96.6	96.5	100.0	43.2
Limited English Proficient	218.0	214.7	76.6	71.3	99.3	99.3	100.0	73.4
Subsidized Meals	221.1	212.6	76.8	70.8	98.3	98.2	100.0	72.5
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	61.5
Annual Measurable Objective (AMO)	229.0	226.0	78.0	75.0	95.0	95.0	95.0	75.1

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

*Performance reported for SC and nation, data not available at school level.

Reading - Grade 4 (2013)



Mathematics - Grade 4 (2013)



Reading - Grade 8 (2013)



Mathematics - Grade 8 (2013)



Key

NSLP National school lunch program

SD Student with disabilities

ELL English language learner

NAEP National Association of Education Progress

	SD Participation Rate	ELL Participation Rate
Reading, Grade 4	89.0%	96.0%
Reading, Grade 8	85.0%	96.0%
Mathematics, Grade 4	93.0%	99.0%
Mathematics, Grade 8	90.0%	95.0%

Our School

Number of recently arrived ELL students exempted from ELA in state assessments

0

Abbreviations for Missing Data

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N/AV-Not Available

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